CASE™
CANADA SECURITY

CS-HB60
HYDRAULIC ROAD BOLLARD



24/7 Support

KEY FEATURES

- **Anti-collision:** Operates normally after 12-ton vehicle impact.
- **Anti-destructive:** High-resistance to 16-ton vehicle force.
- **Robust Structure:** Load-bearing steel beams and navigation rods.
- **Manual Override:** Can be lowered manually during power outages.
- **Linkage Interface:** Integrated system compatibility.
- **Reversible Operation:** Adjustable ascent/descent commands.
- **Low Noise:** Operating sound level ≤ 60 dB.
- **Integrated Drive:** Waterproof hydraulic system.
- **Solenoid Control:** 24V precise valve control.
- **Smart Display:** Adjustable control box text and timing.
- **English Interface:** Fully translated display system.
- **Water Resistance:** 48-hour immersion performance test passed.
- **Durability:** Anti-corrosion performance level 9.

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Description

CASE Hydraulic Automatic Bollard is a high-security access control solution designed for vehicle entrances and exits. Consisting of an oil pump unit and robust steel frame construction, it offers reliable performance to block unauthorized vehicles or lower to ground level for free passage.

Application

Scientific and educational units (schools, libraries), leisure venues (parks, squares), traffic hubs (stations, airports),business service places (banks, hotels, malls), and government agencies.

Installation Steps

1. Excavate foundation base (approx. 1205-1300mm).
2. Fill bottom with 20-30mm pebble/sand for seepage.
3. Embed bollard, ensuring head is level with horizontal ground.
4. Install wiring tube and drainage pipe with waterproof securing.
5. Power on and test operation before finishing.
6. Protect bollard head from concrete debris during pouring.
7. Tidy up the head and ground surface to complete installation.

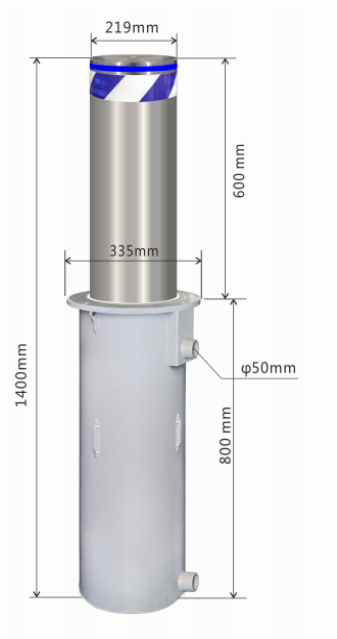
Drainage Methods

Artificial/Electric: Pumping from a small pool reservoir.
Natural: Direct connection to the sewer system via excavated channels.

SPECIFICATIONS

Technical Parameters	
Color	Silver
Raising/Lowering Speed	3-6s (adjustable)
Diameter	219mm (customizable)
Raised Height	600mm (customizable)
Material	304 Stainless Steel
Control Mode	Remote Control (<20m)
System Control	Hydraulic and Electric Control
Working Temperature	-30°C to +75°C
Embedded Cylinder Depth	800mm
Lamp Belt	LED Lamp (Acrylic Light Circle)
Power Supply	220V/380V

DIMENSIONS:





Controller Box:

