



1. Product Pictures



Lifting bollards, also known as lifting bollards, anti-collision bollards, isolation piles, etc. Lifting columns are widely used in urban transportation, military, and the gates and surroundings of important state organs, pedestrian streets, expressway toll stations, airports, schools, banks, large clubs, Parking lots and many other occasions.

Through the restrictions on passing vehicles, the traffic order and the safety of major facilities and places are effectively guaranteed.

At the same time, it has the advantages of invisibility and beauty.



2. Basic Parameters

Rise Time:	3.8S
Fall time:	3S
Equipment size:	φ400*1105mm
Interception height:	600mm
Cylinder diameter:	219、 273、 324mm
Column Thickness:	6、 8、 10mm
Embedded depth:	1105mm



3. Materials

Cylinder:	304 stainless steel
Column Thickness:	Thickness 6mm
Flange:	304 stainless steel
Flange Thickness:	10mm
Embedded bucket:	A3 steel powder spraying
Piston rod:	45 gauge steel chrome plated
Cylinder head:	45 gauge steel chrome plated
Piston rod diameter:	16mm
Hydraulic cylinder housing:	No. 45 steel spraying
Guide rail:	Anti-rust hardening treatment
Rail Diameter:	16mm
Reflective film:	High brightness diamond grade reflective film
LED warning lights:	Highlight, Colorful, Gradient



4. Materials

Electro-hydraulic Integrated Actuator - Standard Type

Power unit:	Electro-hydraulic integrated actuator
Lifting force:	130kg
Protection class:	IP67
Power supply:	220VAC(Control Voltage 24VDC)
System power:	350W
Usage frequency:	1.5 Times/Minute
Movement overheating protection:	130°C
heating equipment:	None
Fuel tank capacity:	4L
Operating temperature:	-20°C~55°C



5. Control unit

The electrical accessories used in the control unit are all first-line brands
Powder spraying treatment, anti-rust, beautiful. The surface of the control box adopts
Powerful functions, stable performance, and strong system linkage.



6. Innovative Structural Design

The lifting is stable and the gap is even;

Fool-proof assembly and easy maintenance;

When the power is off, it is guaranteed that each lifting column can be lowered in an emergency by its own weight without external force.



7. System composition

Lifting Column + Control Box + Remote Control + LED Remote Control



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8. Product Performance

- Fast ascending and descending speed, 3.8 seconds for ascending and 3.0 seconds for descending
- The internal structure, column, flange and hardware are all made of high-quality stainless steel, which is rust-proof and anti-corrosion, A flange groove design, beautiful, non-slip
- Using single-chip microcomputer control system, safe and stable
- LED lights support colorful, gradient, brightness and other adjustments
- Standard high-brightness diamond grade reflective film
- Lifting force 130KG
- Reliability, warning signs, lifting performance, anti-corrosion performance

All conform to GA/T

1343-2016 standard

9. Application Scenario

Application scenarios: schools, parks, office buildings, public security law, public security checkpoints, high-speed toll stations, prisons, detention centers,

Oil depot, grain depot, reservoir, natural gas depot, treasury, army, fire station, police station, security bureau, urban transportation, etc.