

UN-RB30010075

Introduction to the parameters of road barriers, wall models

1. Parameters of wall road barriers:

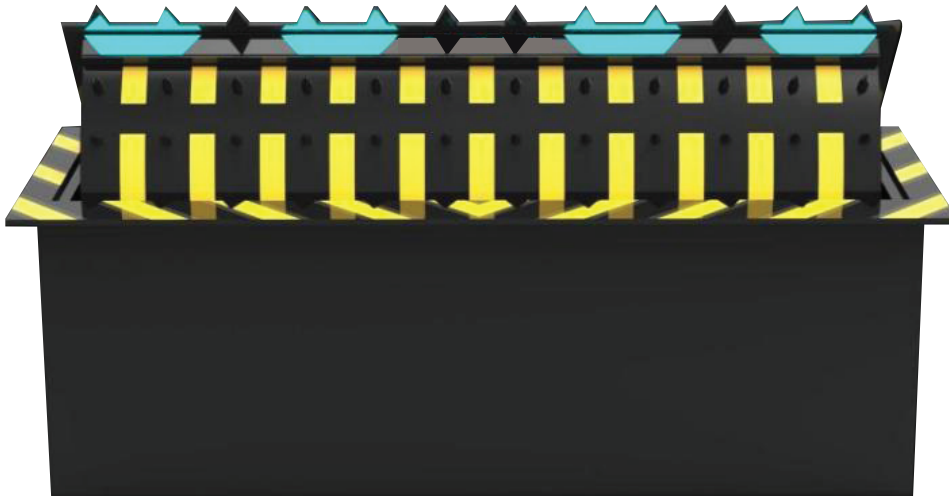
Overall structure of road barricades (also known as a traffic stop machine) consists of a machine base, a flipping machine body, and an electrical system. Hydraulic and electrical control system according to pressure resistance. It is divided into light, standard and heavy road barriers.

The interception surface of roadblocks is divided into spearhead roadblocks and non-spearhead roadblocks.

The hydraulic overturning road barrier uses hydraulic energy as the power unit to realize the lifting function, and the interception of the flipper.

Use security protections at the entrances and exits of key defense units to prevent violent intrusion by terrorist vehicles.

High reliability and safety. Widely used in: airports, checkpoints, public security, legal departments and Government, oil depots, natural gas depots, reservoirs, grain depots, weapons depots, power stations, ports, customs, military, toll stations and other situations.



time rise	Adjustable 1-3 seconds
Sunset time:	Adjustable 1-3 seconds
Device Size:	Length 3000 * Width 1,000 * Height 750mm (Length can be customized)
Interception Height:	650mm
Spike Specifications:	Length 80 mm, diameter 30 mm
Buried Depth:	Equipment height + panel thickness
material:	A3 steel
Panel Thickness:	16ÿ20ÿ25mm
Color Drainage system design:	black and yellow green and yellow red and yellow The bottom of the fuselage can effectively drain water.
Anti-rust treatment:	Use the paint spraying process Has anti-rust properties
Warning signs:	There is a clear warning signal and night warning function.



control system	Use American original PLC chip
control box	Powder coating process for outdoor use Especially with LCD screen
Self-test procedure Trial	Standard configuration
period settings Darkness and	Standard configuration
dawn settings Security link	Standard configuration
public safety	Standard configuration
Fire link air leak	Standard configuration
switch	Shint
contactor	Shint
relay	Omron
switching power supply	Taiwan MEAN WELL 220VAC (grade industry)
Remote control lifting column	100 meters (standard configuration)
Remote control LED	2.4G 30 meters (standard configuration)
Wired control switch	unnecessary
Electric hydraulic system industry	3HP*4P, three phase 380VAC (industrial grade)
Power unit	
Engine, gas	electro-hydraulic
pump,	Gear pump (industrial grade)
hand	Standard configuration (emergency elevator)
pump, fuel tank capacity,	30-60 liters
fuel pipe	International standard PT interface, high pressure wire pipe. Double layer steel 1/2
Protection level	IP67
Power supply	380VAC (regulated voltage 24VDC)
System power	3.75-5.5KW
Cylinder end buffer Working	Smooth lifting and low noise
temperature, pressure	-35°C~75°C
	Container truck 0-100 tons
Road barrier parameters	
	Carbon steel Q235
Material Color (optional)	black and yellow, green and yellow, red and yellow
Warning	3M Diamond reflective film
Warning	Protective acrylic, waterproof LED lights
light rising time	1~5 seconds (adjustable)
fall time	1~5 seconds (adjustable)

Interception distance	
Pivot	Tapered and hardened steel
Intercept	Cutting the entire panel
panel Intercept panel support	Beam and frame structural support
pressure through	Can pass container trucks not exceeding 80 tons,
Double anti-rust treatment, power	Steel structure metal primer + acrylic metal paint (boat paint)
equipment	Heavy Industrial Grade - Linear Piston Hydraulic Cylinder (Cylinder selected according to panel weight calculation)

Transmission system	The hydraulic cylinder has a lifting end buffer device.
Working temperature	Select according to different hydraulic oil.
Protection level	IP68
Drainage design, weight, standard	Fully drains water without needing a bottom plate. >1.3 tons (according to size)
hull specifications customized	(Minimum order 3 meters, length can be customized)
length	Width 1000, Height: (760 mm + panel thickness)
hydraulic station	
Motor institute	Vertical mounted on top
format	3HP * 4P, three phase 380VAC (industrial grade)
Electrical power	3.7KW.
Cooling method	natural cooling structure
Working temperature	-35°~75°
Combination of solenoid valves	Solenoid reversing valve, solenoid relief valve, pressure reducing valve, speed control valve
Fuel tank volume	About 60 liters
Hydraulic pipe	International standard PT interface, double layer steel wire high pressure pipe ½
	Support manual backup up and down
Emergency, double action oil circuit hand pump.	2.3 ml/time (industrial grade)
control box	
Control system,	Use American original PLC chip
control box	Powder coating process especially for outdoor use. Portable with LCD screen
Self-test program	standard
Trial period settings Darkness	standard
and dawn settings Security	standard
system connection for public	standard
Fire link Air leak	standard
protection switch	Chint
contactor	Chint
switching power supply	Taiwan MEAN WELL
Lift the remote control	100 meters (standard configuration)
Remote control LED	2.4G 30 meters (standard configuration)
Wire control switch	unnecessary
electrical strength	Conforms to GA/T 1343-2016 standards.
Insulation resistance,	Conforms to GA/T 1343-2016 standards.
leakage	Conforms to GA/T 1343-2016 standards.
current, electrostatic discharge protection.	Conforms to GA/T 1343-2016 standards.
Immune to rapid temporary explosions, electrically fast	Conforms to GA/T 1343-2016 standards.
Against shocks from electrical surges	Conforms to GA/T 1343-2016 standards.
lifting efficiency	Conforms to GA/T 1343-2016 standards.
warning sign	Conforms to GA/T 1343-2016 standards.



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