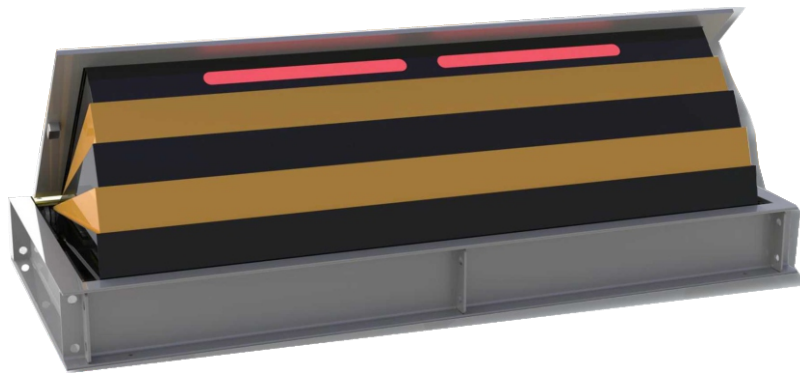


# ENTRANCE MANAGEMENT SYSTEMS

## VV-VM7501-RBZ4 Intrusion Resistant Road Blocker



### FEATURES

Suitable for high security zones and industrial areas application

High security robust resistance against vehicle intrusions & attacks

Crash resistant design with rating standard PAS68/IWA 7500KG/80KMPH = M50/K12 Kinetic energy 1680 KJ, zero penetration, P1, 18000KG 2-axle N3 rigid

Shallow mounting design for ease of laying equipment with reduced depth of the basement compartment

Road blocker device is integrated with electro hydraulic control unit operated with an electric motor

Dual oil cylinders for higher stability and reliability

Traffic assistance light can be integrated with the system

Emergency fast operation (EFO) supported (optional)

## TECHNICAL SPECIFICATIONS

# VV-VM7501-RBZ4

Parameter	Specifications
<b>Road Blocker</b>	
Drive	Hydraulic based automated drive
Intercept Height	1000mm(±10mm)
Intercept Width	3000mm / 4000mm / 5000mm
Underground Depth	300mm
Top Plate Thickness	25mm(±2mm), option is available
Rising & Descent Time	3~5s
Construction Material	Q235 Carbon Steel (SS options available)
Surface Finish	Anti-corrosion treatment (optional hot dip galvanization)
Impact Test Grade	PAS68:2013 Blocker V/7500(N3)/80/90:0.0/23.8 IWA14-1:2013 Blocker V/7200(N3C)/80/90:0.0
Skid Plate	Available with skid resistance pattern-steel surface
LED Warning LED Lights	Available
Static Load Capacity	≤100 Tons
Pass Load Capacity	≤200 Tons
Front Cover	Standard foldable iron skirt for up to 4.5 meter intercept width. Customized coated material skirt for 5 meter intercept width
Color	Yellow & Black or RAL color optional
Emergency Power Failure Mechanism	Supports accumulator system for rising/descent in case of power cut
Working Voltage	AC 380V ±10%, Triphasic, 50/60Hz
Rated Power	5.5KW depends upon the barrier
Ingress Protection	IP68
Working Temperature	-40°C ~ +70° C
Working Humidity	≤95% non-condensing humidity
Dimension	(Intercept width+200mm)L x 2000mmW x 300mmH(Depth)
Weight	3M-2500KG, 4M-3100KG, 5M-3500KG
<b>External Hydraulic Station</b>	
Hydraulic Drive	Self design hydraulic cylinders
Control System	Integrated PLC control with keypad control
Wireless Remote Controller	Available
Manual Pump	Available
Oil Tube	Up to 10 meters
Storage Battery	Available for emergency mechanism in case of power failure
Emergency Fast Operation	≤2s available as optional
Induction Loop	Available, 2-channel
Working Voltage	AC 380V, 50/60HZ Triple Phase
Rated Power	5.5KW, 7.5KW and 11KW optional
Ingress Protection	IP68
Working Temperature	-40°C~ +70° C
Working Humidity	≤95% non-condensing humidity
Dimension	1100 L x 680 W x 1700 H (mm)
Weight	295KG



## TECHNICAL SPECIFICATIONS

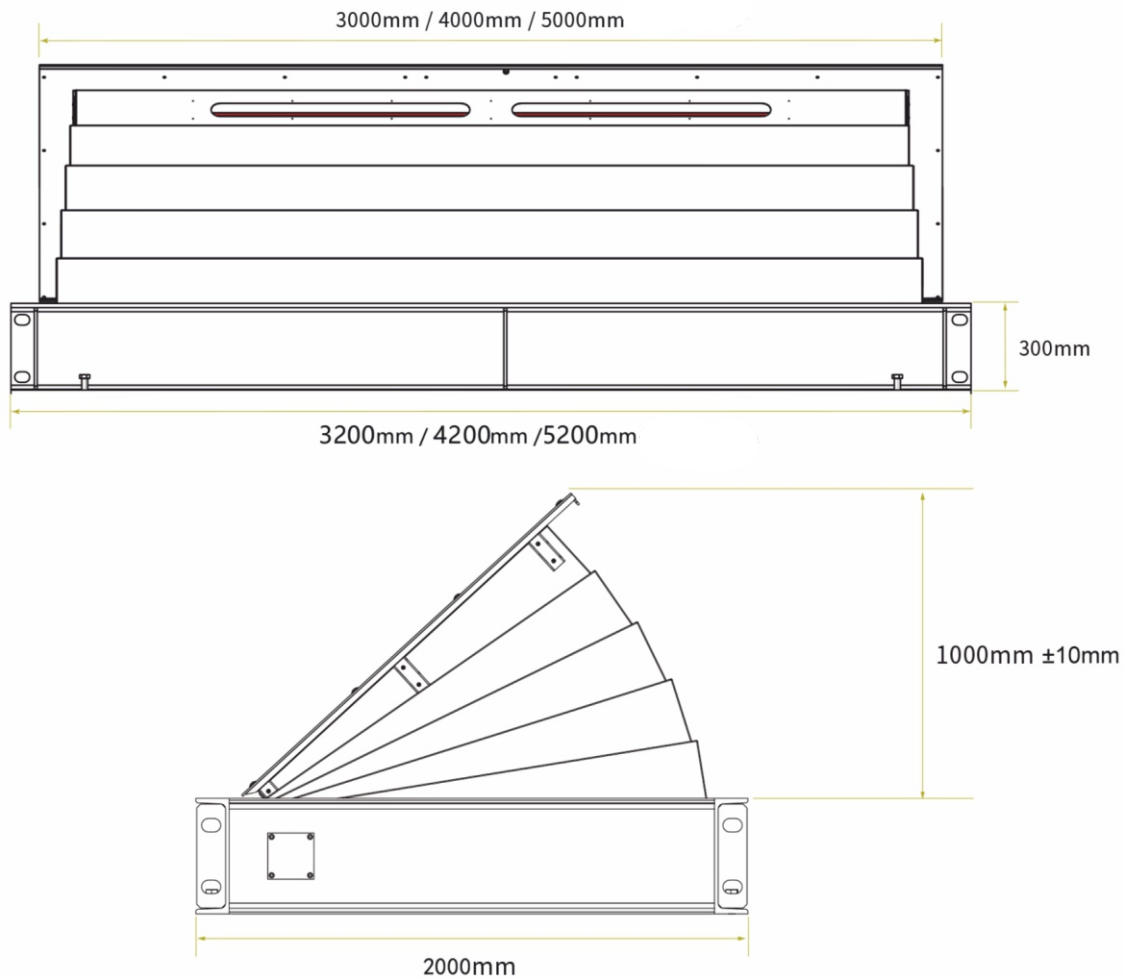
# VV-VM7501-RBZ4

Traffic Light (optional)	
Sections	Two with post
Post Diameter	60mm
Colors	Red & Green
Working Voltage	AC 220V, 50/60HZ
Single Lamp Power	6W
Ingress Protection	IP55
Working Temperature	-40°C ~ 70° C
Working Humidity	≤95% non-condensing humidity
Dimension	2000 H x 250 W x 110 D (mm)
Approvals Certificates	ISO 9001, ISO 45001, ISO 14001

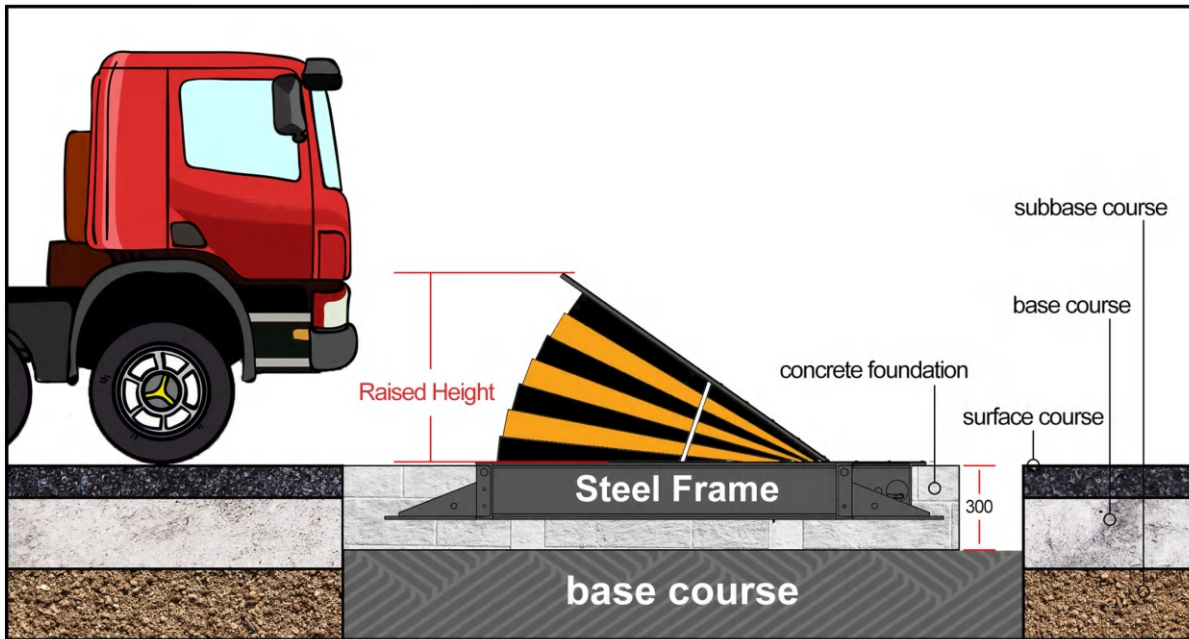
\*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product Image, weights and measurements are approximate and may vary.

## DIMENSIONS

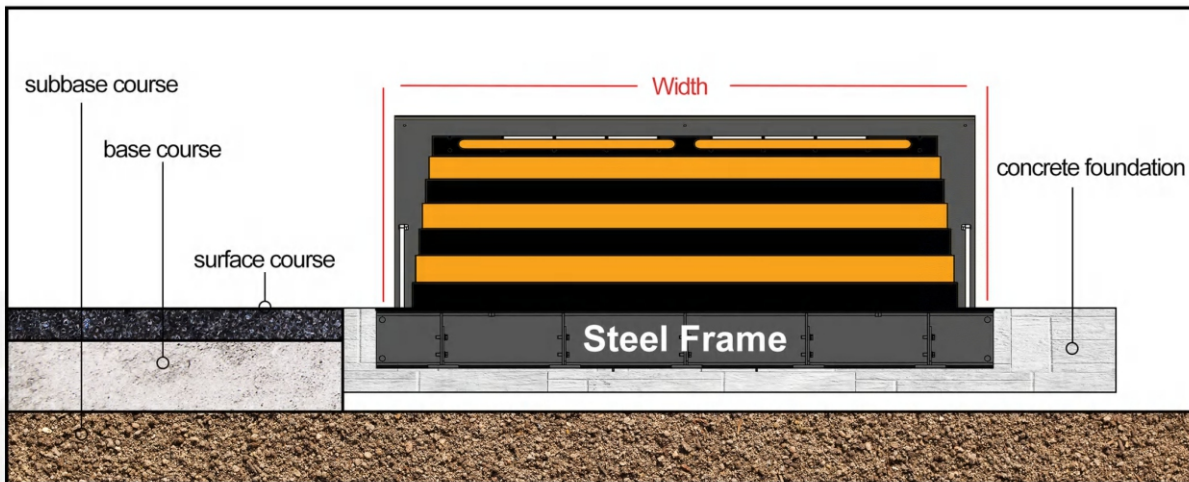
Unit: mm



VV-VM7501-RBZ4



FRONT VIEW



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(AN ISO 9001 : 2008, ISO 14001 : 2004 CERTIFIED COMPANY)

