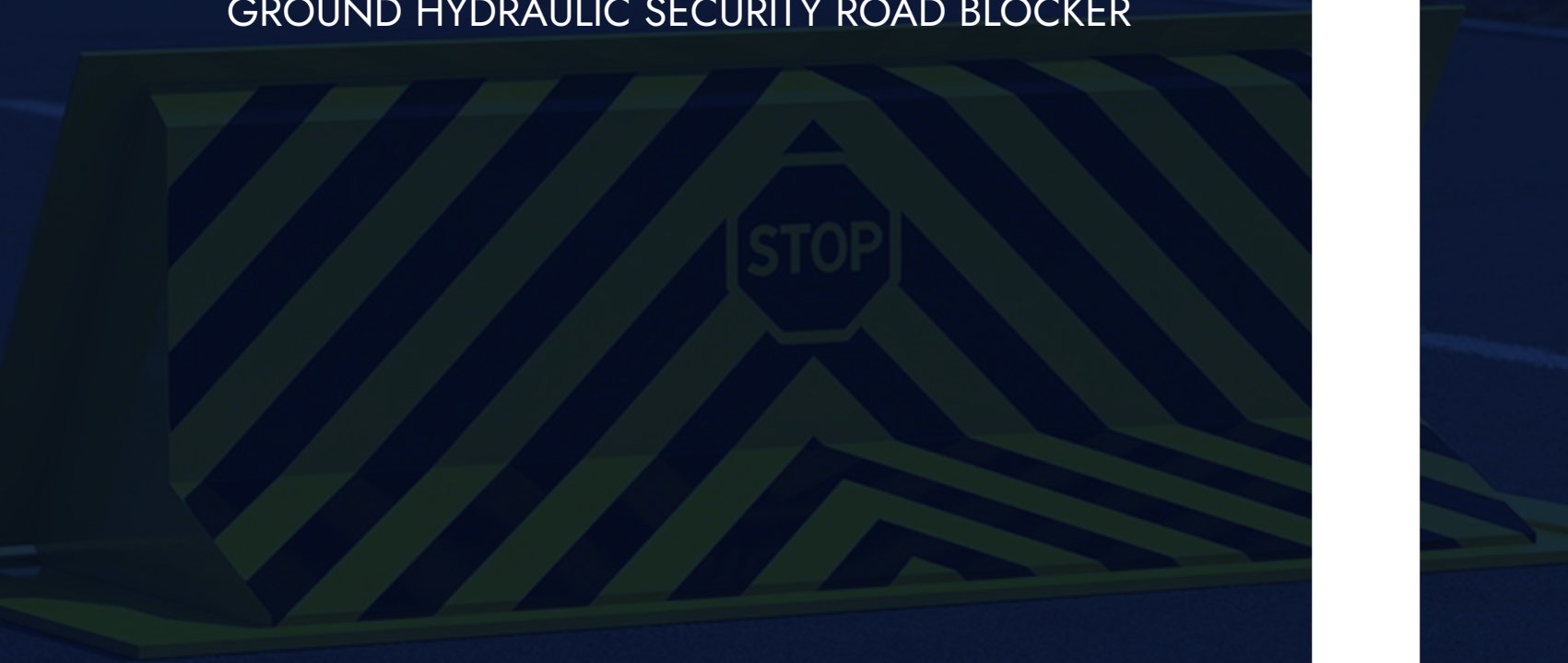


# ExPII

## EXPGHSRB-45

GROUND HYDRAULIC SECURITY ROAD BLOCKER



# GROUND HYDRAULIC SECURITY ROAD BLOCKER

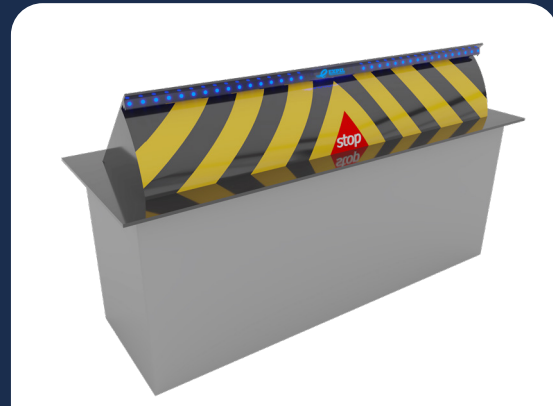
## EXPGHSRB-45

### Overview

Our Ground Hydraulic Security Road Blockers is designed for high security vehicle access control. They present the most effective way of preventing unauthorized vehicles from accessing secure sites, and protecting valuable assets within a facility. 4.0m -wide 0.5m, 0.6m, 0.8m, 1m lifting height 16mm, 20mm, 25mm, 30mm wall thickness 3s to 6s adjustable rising speed.

### Vehicles

These products manufactured from heavy gauge mild steel, which is fully welded and fitted with treadplate top surfaces. The side of the blockers are "tanked" with sheet steel. This allows the complete units to be lowered into excavated foundations which can then be backfilled with concrete, thus reducing on site time and installation costs.



### Specifications

Model	EXPGHSRB-45
Brand	EXPLL
GROUND HYDRAULIC SECURITY ROAD BLOCKER	
PARAMETERS	
Length	177" [4.5m]
Rising Length	166" [4.22m]
Rising Height	19.75" [500mm] 23.75" [600mm] 31.50" [800mm] 39.25" [1000mm] (see part numbers below)
Rising Speed	3s to 6s (adjustable)
Lowering Speed	3s to 6s (adjustable)
Material	A3 steel, anti-rust paint
Color	Black and yellow (can be customized)
Wall Thickness	5/8" [16mm] 3/4" [20mm] 1" [25mm] 1-1/8" [30mm]
Control System	Hydraulic
ELECTRICAL	
Voltage	220Vac/380Vac
Control Voltage	24Vdc
Power	3.7kW
ENVIRONMENTAL	
Working Temperature	14°F to 149°F [-10°C to 65°C]
Storage Temperature	-22°F to 167°F [-30°C to 75°C]
Ingress Protection	IP68
PHYSICAL CHARACTERISTICS	
Barrier Dimensions (WxH)	177"(W) x 39.5"(H) 450cm(W) x 100cm(H)
Barrier Dimensions (D)	39.5" [100cm] – rising height of 19.75" [500cm] 43.25" [110cm] – rising height of 23.75" [600cm] 51" [130cm] – rising height of 31.50" [800cm] 55" [140cm] – rising height of 39.25" [1000cm]
Barrier Weight (lbs)	Rising height of 19.75" -> / 3085 / 3548 / 4165 / 5399 Rising height of 23.75" -> / 3195 / 3675 / 4314 / 5592 Rising height of 31.50" -> / 3305 / 3801 / 4462 / 5784 Rising height of 39.25" -> / 3415 / 3928 / 4611 / 5977
Barrier Weight (kgs)	Rising height of 500cm -> 1389 / 1597 / 1875 / 2430 Rising height of 600cm -> 1438 / 1654 / 1942 / 2517 Rising height of 800cm -> 1488 / 1711 / 2008 / 2603 Rising height of 1000cm -> 1537 / 1768 / 2075 / 2690
Controller Cabinet Dimensions	15.75"(W) x 7.75"(D) x 19.75"(H)" 40cm(W) x 20cm(D) x 50cm(H)
Controller Cabinet Weight	29.5lbs [13.4kg]
Spike Dimensions (Option)	Ø1.37"x3.54"(L) Ø35mm x 90mm(L)
GENERAL	
Drain Requirement	Yes
Passing Weight	110 US ton [100 metric ton]
Rating	K12

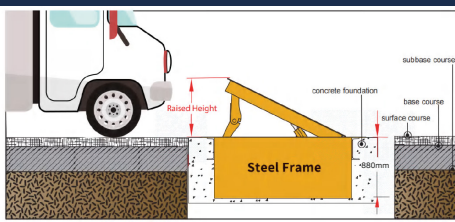
# GROUND HYDRAULIC SECURITY ROAD BLOCKER

## EXPGHSRB-45

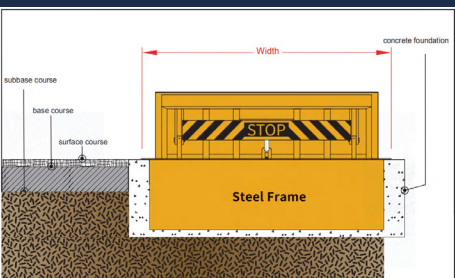
### Part Number

EXPGHSRB-45-500-16	4.5m Ground Hydraulic Security Road Blockers with 500mm lifting height and 16mm wall thickness
EXPGHSRB-45-500-20	4.5m Ground Hydraulic Security Road Blockers with 500mm lifting height and 20mm wall thickness
EXPGHSRB-45-500-25	4.5m Ground Hydraulic Security Road Blockers with 500mm lifting height and 25mm wall thickness
EXPGHSRB-45-500-30	4.5m Ground Hydraulic Security Road Blockers with 500mm lifting height and 30mm wall thickness
EXPGHSRB-45-600-16	4.5m Ground Hydraulic Security Road Blockers with 600mm lifting height and 16mm wall thickness
EXPGHSRB-45-600-20	4.5m Ground Hydraulic Security Road Blockers with 600mm lifting height and 20mm wall thickness
EXPGHSRB-45-600-25	4.5m Ground Hydraulic Security Road Blockers with 600mm lifting height and 25mm wall thickness
EXPGHSRB-45-600-30	4.5m Ground Hydraulic Security Road Blockers with 600mm lifting height and 30mm wall thickness
EXPGHSRB-45-800-16	4.5m Ground Hydraulic Security Road Blockers with 800mm lifting height and 16mm wall thickness
EXPGHSRB-45-800-20	4.5m Ground Hydraulic Security Road Blockers with 800mm lifting height and 20mm wall thickness
EXPGHSRB-45-800-25	4.5m Ground Hydraulic Security Road Blockers with 800mm lifting height and 25mm wall thickness
EXPGHSRB-45-800-30	4.5m Ground Hydraulic Security Road Blockers with 800mm lifting height and 30mm wall thickness
EXPGHSRB-45-1000-16	4.5m Ground Hydraulic Security Road Blockers with 1000mm lifting height and 16mm wall thickness
EXPGHSRB-45-1000-20	4.5m Ground Hydraulic Security Road Blockers with 1000mm lifting height and 20mm wall thickness
EXPGHSRB-45-1000-25	4.5m Ground Hydraulic Security Road Blockers with 1000mm lifting height and 25mm wall thickness
EXPGHSRB-45-1000-30	4.5m Ground Hydraulic Security Road Blockers with 1000mm lifting height and 30mm wall thickness

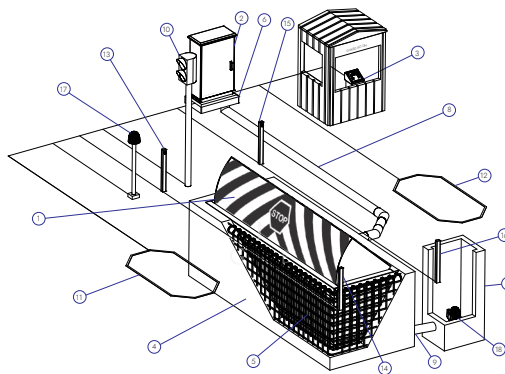
SIDE VIEW



FRONT VIEW



### System Components and Accessories



- Main Components
- 1- Road Blocker Component
- 2- Control Cabinet
- 3- Control Keyboard
- Foundational Components
- 4- Foundation Concrete
- 5- Reinforced Steel Bars
- 6- Control Cabinet Mounting Plate
- 7- Drainage Pit Concrete
- 8- Hoses and Electrical Cables at PVC Underground Pipe
- 9- Drainage Pipe
- Optional Accessories
- 10- Traffic Lights
- 11- Front Loop Detector
- 12- Rear Loop Detector
- 13- Front Photocell Transmitter
- 14- Front Photocell Receiver
- 15- Rear Photocell Transmitter
- 16- Rear Photocell Receiver
- 17- Flashing Warning Light
- 18- Drainage Pump
- Additional Accessories
- \* Siren
- \* Remote Control
- \* RFID - LR Card Reader
- \* HPU Options
- \* Emergency Operation Kit
- \* 24 V DC Operation with Batteries