



Strong Barrier, Safe Passage

SCORPION ROAD BLOCKER



Zcan be applied without digging but with steel dowels instead Scorpion Road Blocker, offers high security with the security wall that it offers. Hydraulic system of operation makes it able to remain operational for long durations and its being easy to install makes it your solution partner.



side view



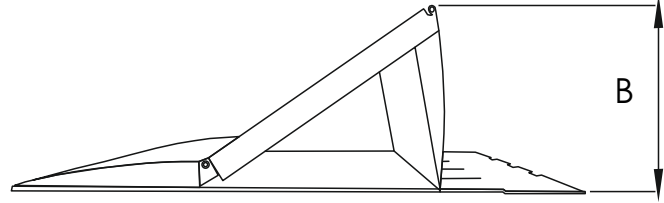
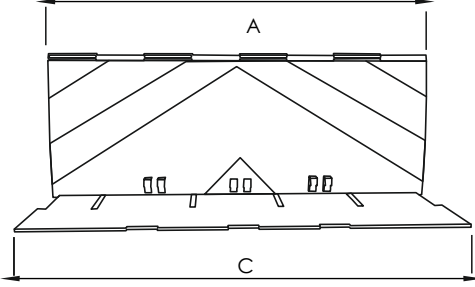
front view



rear view



Dimensions



		LENGTH								
		2 M			3 M			4 M		
		A	B	C	A	B	C	A	B	C
OPENABLE	30 cm		300			300			300	
	40 cm	2000	400	2000	3000	400	3000	4000	400	4000
	50 cm		500			500			500	

Technical Datasheet

Type	SCORPION ROAD BLOCKER		
Model	WSF200	WSF300	WSF400
Length	2 mt	3 mt	4 mt
Working system	Hydraulic		
Power source	380 V 3 Phase 50/60 Hz		
Control unit	T-MAG control unit / optional PLC		
Current draw	3,8 A		5,15 A
Motor power	1,5 KW		2,2 KW
Turn on-turn off duration	4-10 second		
Continuously of operation	100%		
Lifting power	700 Kg		1600 Kg
Limit switch type	Adjustable motor operation duration		
Minimum operational pressure	20 Bar		
Maximum operational pressure	50 Bar		
Manuel opening - closing	Through hand pump		
Hydraulic oil type	32 or 46 Number hydraulic oil		
Hydraulic pipe	3/8 R2 330 Bar		
Operational temperature	-20°C min +70°C max		
Accumulator support	Optional		
Emergency shut down	Optional		

Optional Extras

- ▶ Oil Heater
- ▶ Oil Cooler
- ▶ PLC Control Screen
- ▶ Traffic Lights 100 mm (red-green)
- ▶ Traffic Lights 200 mm (red-green)
- ▶ Traffic Lights Post
- ▶ Safety Photocell
- ▶ Photocell Support
- ▶ Checkered Plate
- ▶ Backup Battery

ADDRESS

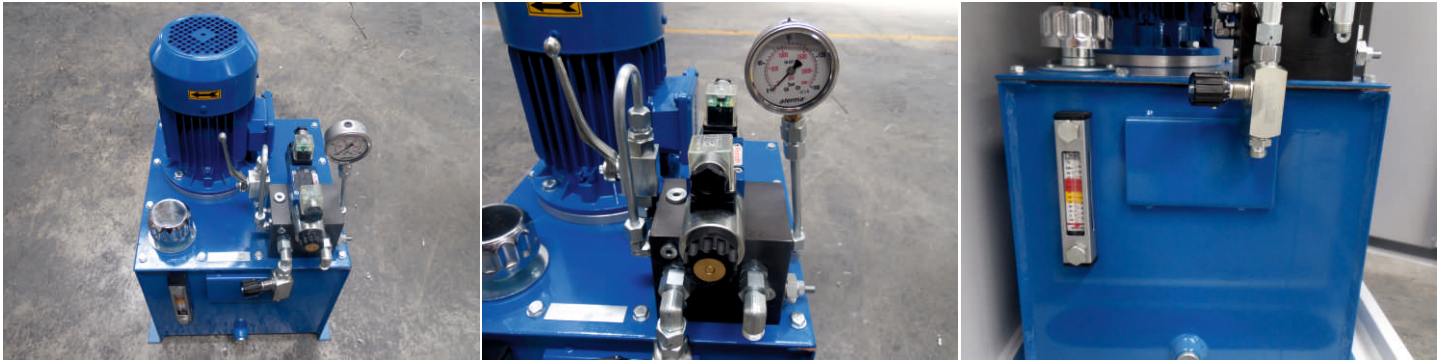
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HYDRAULIC POWER UNIT

- Power unit has Bosch Rexroth brand valves and 1,5 - 2,2 KW motor and it operates AC 380 V, 3 phase, 50 Hz.
- Operation hydraulic pressure control is regulated sensitively.
- All hydraulic parts are choosed from European brands which has ISO, CE, TSE-HYB, EU certifications.
- The system includes oil temperature gauge, oil pressure gauge and level gauge.
- The system can be controlled by manual valve when power failure.
- The system works in case of min 20 Bar to max 50 Bar.
- The hydraulic hose is 3/8 rated R2 and withstand 330 Bar.
- The system can operated between -20 to 70 'C temperature.



CONTROL UNIT

- The system controlled by special software PLC and Control Screen which chosen from ALLEN-BRADLEY brand it has 12 inputs and 8 outputs.
- The system has special designed control panel which has "open", "close", "stop", "emergency" and "lock" systems buttons.
- The system has standard 19 inch electronics rack type surface mount panel with all devices wired to a terminal strip on the back.
- The system has double contact loop dedector.
- The system can operate with every kind of access control systems like RFID, fingerprint, card reader, gsm, etc.
- The system includes 200mm red- green traffic lights and D:70mm L:2m post for safety passing.
- The system controlled by non-copied rolling code remote controllers with receiver.



POWER CABINET

- Hydraulic power cabinet will incorporate, unit shall consist of an electrically driven hydraulic pump which shall pressurize a high pressure manifold connected to a hydraulic accumulator.
- Electrically actuated valves shall be installed on the manifold to allow oil to be driven to the up and down side of a double acting hydraulic cylinder to raise and lower the Barricade. The hydraulic circuit shall include all necessary control logic devices, interconnect lines and valves to override and lock out the normal speed control valves for emergency fast operation of the Barricade.
- The cabinet painted by galvanized electrostatic powder paint. (Owen Paint)
- Hydraulic and electronic devices are covered by the cabinet which painted RAL7047 polyester.
- The cabinet has 2 doors and ventilation shutters.
- The cabinet weatherproof and has ventilation fan.

