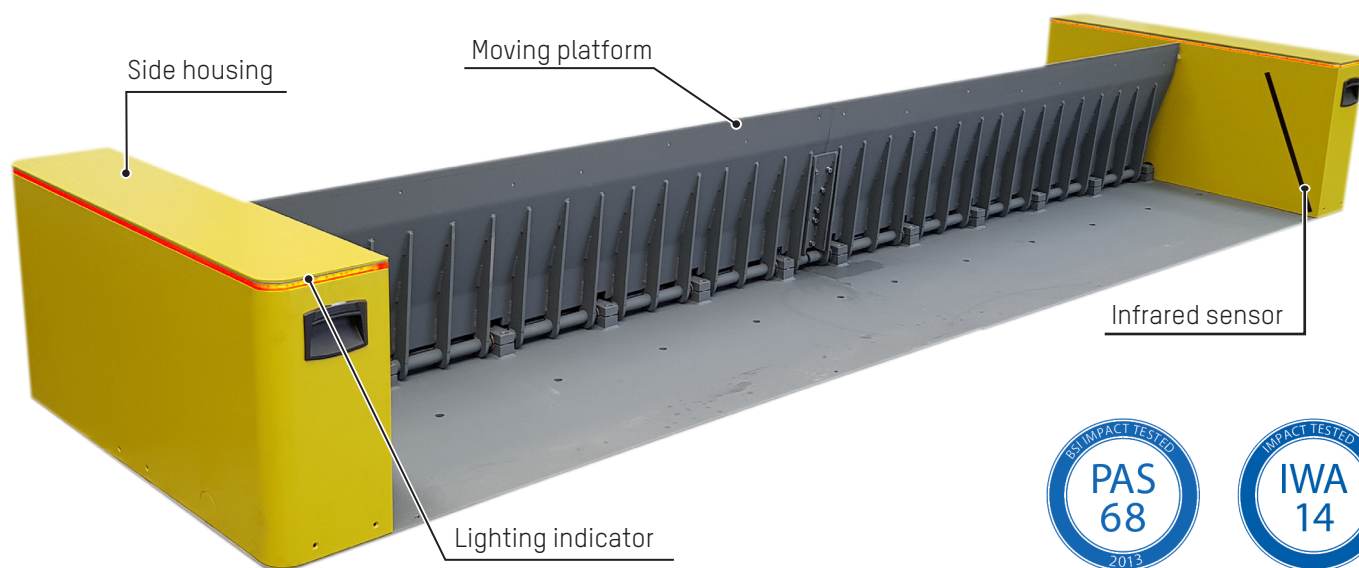


RSB C60SM

Technical datasheet

Rev. 07 • Update 09/2025

AUTOMATIC
SYSTEMS



The **ROAD BLOCKER C60SM** is designed for installation at “surface level” by means of chemical anchors, in order to avoid the execution of ground works and therefore any issues relating to the presence of sub-services.

The integrated control board and hydraulic unit give to this product a compact design.

The **ROAD BLOCKER C60SM** is 500mm high and it is recommended for applications that require a standard security level.

STANDARD TECHNICAL CHARACTERISTICS

Impacts resistance certifications:			
Rated in compliance with	ASTM C60		
Crash tested	PAS68:2013 V/3500(N1)/32/90:-2.3 IWA 14-1:2013 V/3500(N1)/32/90:-2.0		
Impact resistance (vehicles type)	1,5T à 80 km/h 3,5T à 48 km/h		
Breakout resistance ¹	140.000 joules		
Power supply	230VAC/400VAC (+/- 10%) – 50/60Hz		
RSB height	500 mm		
Moving platform width (L)	3500 mm	4500 mm	5500 mm
Maximum road blocker external dimensions	4000 x 1100 x 520 mm	5000 x 1100 x 520 mm	6000 x 1100 x 520 mm
Weight	930 kg	1080 kg	1410 kg
Rising time	5.5 sec.		
Lowering time	7 sec.		
Ambient operating temperature	from -20°C to +70°C. (Please select the appropriate heating option to prevent the formation of ice)		
Frequency of use	2000 cycles/day		
MCBF (Mean cycles between failures)	3.000.000 cycles, in compliance with recommended maintenance		
IP rating	IP 56		
Load class	D400		
Movement	Hydraulic – Integrated connections and pump		
Complies with European standards			

¹ The impact resistance refers to a RSB laid on a proper flooring, i. e. concrete floor, and fixed to it by chemical anchors. When paving on a different surface, such as asphalt, chemical anchors do not guarantee adequate impact resistance.



OPTIONS

FOUNDATION BOX

- Kit of 32 chemical anchors for the fixation of the road blocker to the road surface - 3.5m model.
- Kit of 36 chemical anchors for the fixation of the road blocker to the road surface - 4.5m model.
- Kit of 46 chemical anchors for the fixation of the road blocker to the road surface - 5.5m model.

CONTROL

- UPS device 3.0kW - 3kVA for operation of max 1 RSB (10 operations or 1 hour) in case of power failure.
- Heating device (including transformer and thermostat - for operation up to -20°C).

SIGNALIZATION

- Vandalism alarm kit for detection of the attempts of : (1) manual emergency lowering, (2) removal of the control cover, (3) mobile obstacle lowering (provides a signal to be used on a separate control interface).
- Traffic light diam.100mm - Red/Green (without post).
- Powder coated steel post for traffic lights (diam.105mm - height 3.55m).

OTHER OPTIONS

- Presence sensor for safety one (or two)-channel inductive loops.
- Presence sensor for command one (or two)-channel inductive loops.
- Presence sensor for one-channel safety inductive loop and for one-channel command inductive loop.
- Cell phone activator for remote control (up to 900 connected cell phones).
- Weekly / Yearly timer programmer.
- Pressure gauge 0/250 bar with connection to show the pressure in the hydraulic pump.
- Kit of anti-tampering screws for RSB SM columns, with its specific tool.

Note: For restrictions on options, please contact us.

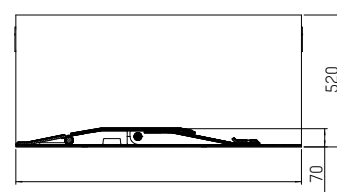
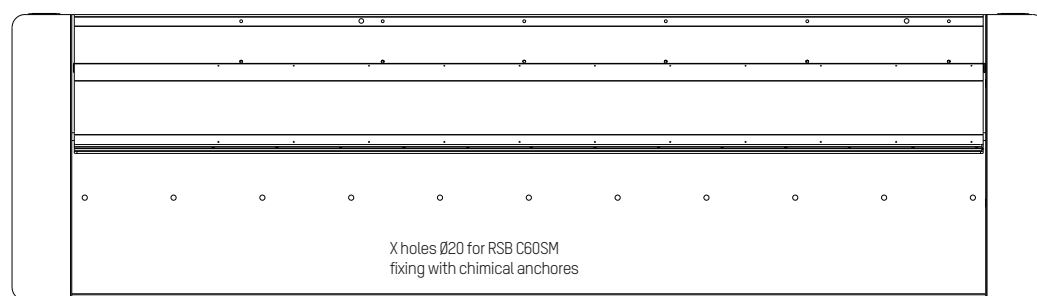
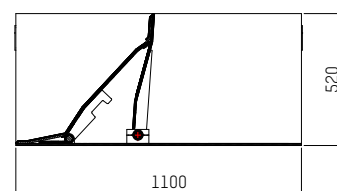
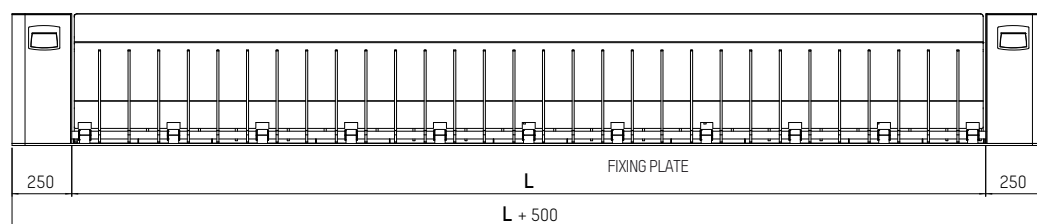
WORKS TO BE PROVIDED BY THE CUSTOMER

- Product assembly.¹
- Ground mounting.
- Drainage or connection to main drainage.
- Power supply.
- Electric connections with external peripherals (if necessary).

¹ Product delivered in 2 parts to be assembled.

Note: The housings must be protected from shocks (sidewalk, metal railings, etc.).

DIMENSIONS STANDARD (MM)



MODEL	L	X
RSB C60SM_3500	3500	32
RSB C60SM_4500	4500	36
RSB C60SM_5500	5500	46

Dig a pit with a **depth of 300 mm** and the following dimensions:

- **3.5 m version:** 4500 × 1500 mm
- **4.5 m version:** 5500 × 1500 mm
- **5.5 m version:** 6500 × 1500 mm

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