



The RSB M50 series is built at “low outline” for limiting the depth of the basement compartment underground and to avoid the main problems of laying in presence of public services (*cables ducts, drainage systems, and similar*); moreover it is possible to install the RSB M50 “**on ground level**” by using a slope.

The RSB M50 is the basic version typically used for protection of high risks area as airport, military and chemical sites, stadiums, etc.

STANDARD TECHNICAL SPECIFICATION

Impact resistance certifications	Certified: PAS68:2013V/7500(N3)/80/90:0,2/10
	Rated in compliance with: IWA 14-1:2013 V/7200(N3C)/80/90 DOS K12 & ASTM M50
Impact resistance (vehicles type)	3,5 T at 112 km/h 7,5 T at 80 km/h
Impact resistance	1.800.000 joules.
Impact resistance without deformation	700.000 joules.
Obstacle height	1000 mm.
Rising/lowering speed	8 / 5 sec.
Enanced rising/lowering speed	On demand.
Emergency procedure	1,5 sec.
Obstacle length	2, 3, 4, 5 and 6 meters.
Excavation length	940 mm extra on top of the obstacle.
Excavation deep	500 mm (290 + 210 mm).
Cycles Hour/Day	300/2000
Movement	Hydraulic.
Reflecting adhesive strip	Height 55 mm.
Anti-corrosion treatment	Treatment B (*)
Obstacle finishing plates.	Non-slip aluminium.
Load class	EN124 Class D (400 kN)
Protection index	IP67
Operating temperature	From -40 °C to +70 °C.
Power supply	230 V - 50/60 Hz.
Connection line to the control unit	Standard 10 m (Max. : 30 m).
Warranty	2 years.

ANTI-CORROSION TREATMENT

Treatment B:

- Sand blasting (SA 2,5)
- Anti-corrosion powder painting (80 µm)
- Polyester powder painting (80 µm).

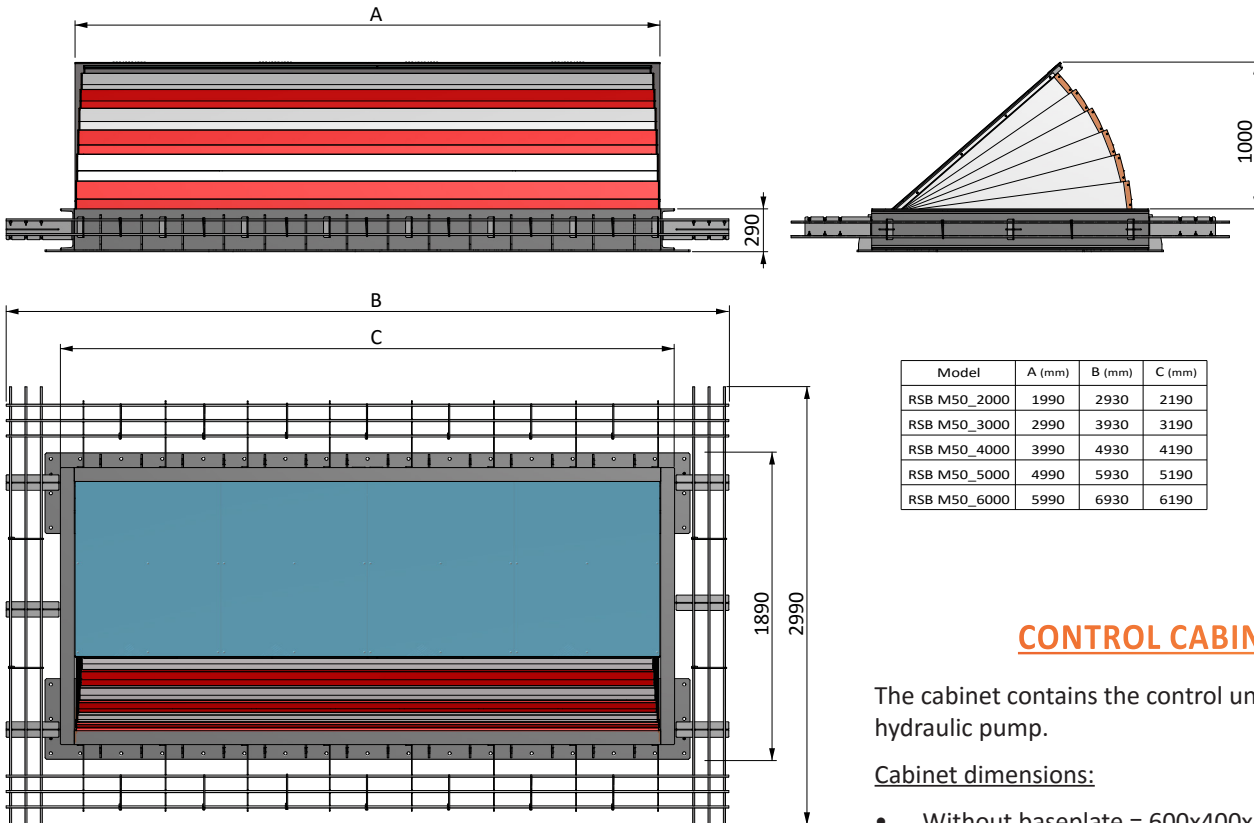
WORKS TO BE PROVIDED BY THE CUSTOMER

- Concrete foundation and rebars supply (*refer to installation drawing*).
- Drainage or connection to mains drainage.
- Power supply.
- Electric connections with external peripherals.

OPTIONAL

1. LEDs strip (30 LEDs by meter).
2. Metal skirt for closing front and side of the road blocker (*white/red*).
3. Embossed sheet in AISI 304 stainless steel (*in alternative to standard aluminium sheet*).
4. Up/Down information for synchronisation.
5. E.F.O. unit for Emergency rising.
6. Feeder/accumulator group on control panel for emergency lowering.
7. Device for manual handling if power failed.
8. Floor basement for control unit housing (*essential if road blocker in equipped with the device for manual handling*).
9. Additional connection line (*Electric + hydraulic*) RSB M30 ⇔ control unit (*max. 30m*).
10. Heater for control unit cabinet and pump.
11. Radio receiver.
12. Radio transmitter two-channel.
13. Traffic lights red/green.
14. Inductive detector for loop.
15. Inductive loop - dimensions: 7,60m - 9,60m - 12,60m - Line: 15m and 30m.

STANDARD DIMENSIONS (MM)



CONTROL CABINET

The cabinet contains the control unit and the hydraulic pump.

Cabinet dimensions:

- Without baseplate = 600x400x1200 (LxWxH)
- With baseplate = 600x400x1400 (LxWxH)