



The RSB M30 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 M30 “on ground level” by using a slope.

The RSB M30 is the basic version typically used for perimeter protection of companies, hotels, convention centers and similar.

STANDARD TECHNICAL SPECIFICATION

Impact resistance certifications	Rated in compliance with: PAS68:2013V/7500(N3)/48/90 IWA 14-1:2013 V/7200(N3C)/48/90 DOS K4 & ASTM M30
Impact resistance (vehicles type)	3,5 T at 64 km/h 7,5 T at 48 km/h
Impact resistance	700.000 joules.
Impact resistance without deformation	150.000 joules.
Obstacle height	500 mm.
Rising/lowering speed	5 / 3 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).

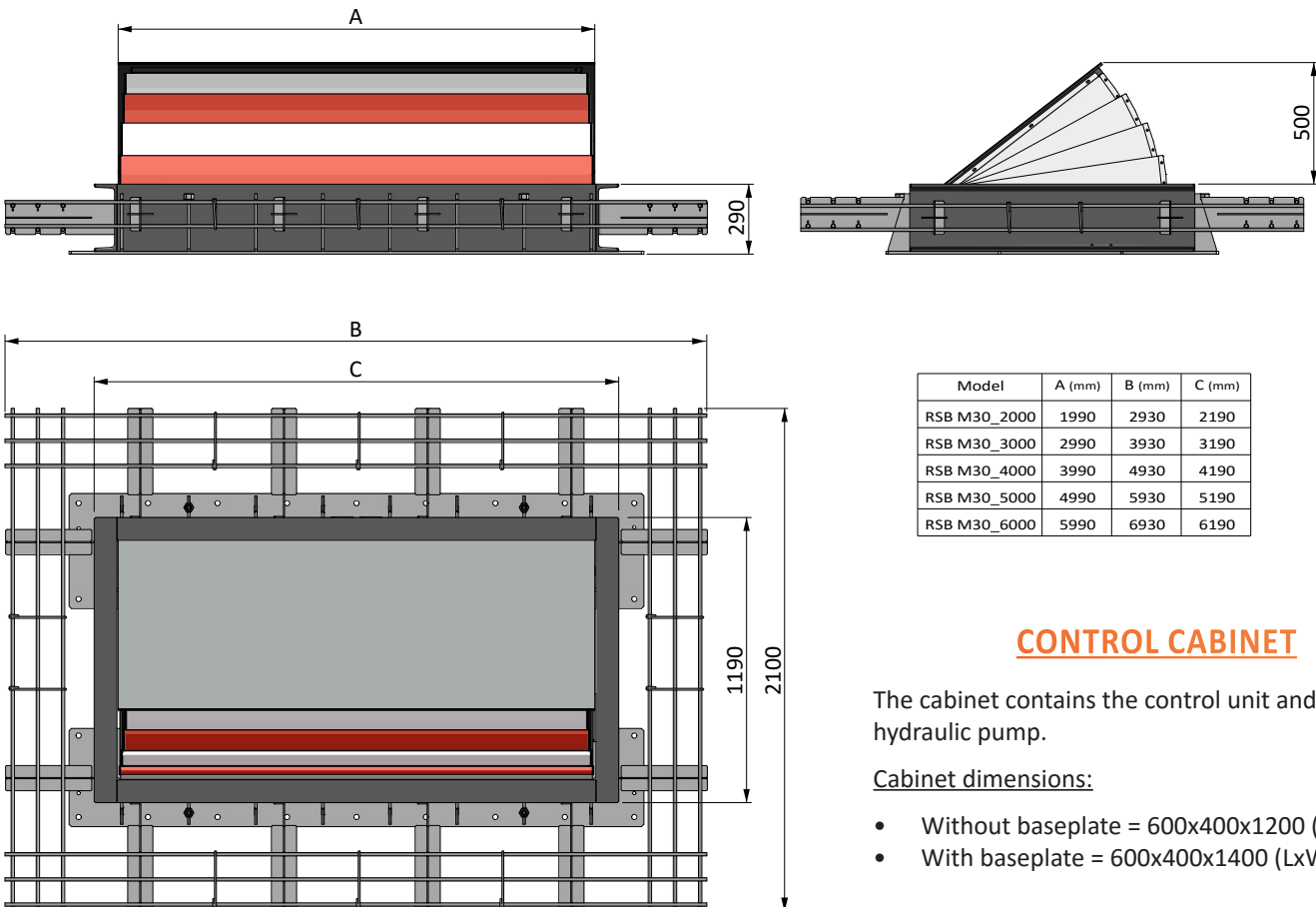
WORKS TO BE PROVIDED BY THE CUSTOMER

- 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)