



RB100-C80

RETRACTABLE ROAD BLOCKER

Width: up to 4 m

The **RB100-C80 roadblocker** is a highly effective deterrent, with a gusseted front to eliminate blockages after impact. Stops a **7.5t** vehicle accelerating at **80 km/h**.

Crash tested at 80 km/h

AUTOMATIC RETRACTABLE ROADBLOCKER HIGHLY DISSUASIVE SENSITIVE SITES (NUCLEAR, MILITARY, ETC...)



RESISTANCE - 2 963 000 Joules



**HIGH SECURITY BOLLARD
SUCCESSFULLY IMPACT TESTED**

Stops a 7.2/7.5t vehicle at 80 km/h



**FUNCTIONAL AFTER IMPACT
FLEXIBLE FRONT PANEL**

Eliminates the risk of jamming, the roadblocker closes after impact. The site remains secure and can be evacuated in complete safety.



RESISTANCE AND DURABILITY

Stainless steel running surface to withstand repeated use by vehicles without damage



SHALLOW MOUNT

50 cm embedment depth



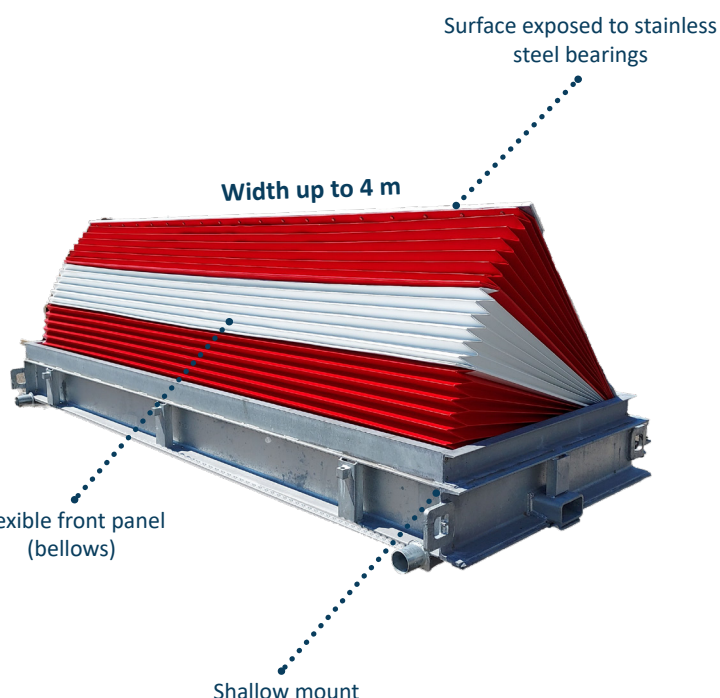
FAST INSTALLATION

Installation and sealing in less than 48 hours, with no preparatory work required



REDUCED & SIMPLIFIED MAINTENANCE

Thanks to a remote hydraulic motor



RB100-C80

CERTIFICATION

Crash-tested resistance in respect of current norms:



7.2t/7.5 at 80 km/h

Equivalent K12 M50

OPTIONAL EQUIPMENT

Safety & visibility

- Traffic light posts
- Presence detection on magnetic loop
- Emergency ascent (hydraulic accumulator) : EFO, for rapid ascent in an emergency
- Manual hydraulic pump for manoeuvring the obstacle without power
- Emergency operation: descent by gravity in the event of a power cut (EV NO)
- LED strips on front panel
- Horizontal reflective strips across the entire width

Customised

- Cold weather oil
- Battery back-up for lowering in the event of a power cut
- Battery back-up for EFO in the event of a power cut
- Upper limit switch



MAIN FEATURES

- Automatic retractable safety roadblocker, height 105 cm, width up to 4 m, in 0.5 m modules
- Intensive operation up to 3000 manoeuvres/day
- Remote hydraulic drive
- Shallow embedment depth
- Hot-dip galvanised frame (inside and out)
- Anti-slip stainless steel sheet metal top surface
- Biodegradable hydraulic oil with low viscosity variation

TECHNICAL CHARACTERISTICS

Power supply	400 V
Consumption	5000 W
Motorisation	Remote hydraulics
Resistance	2 963 000 Joules
Bearing resistance	40t axle load
Operating time	Adjustable from 4 to 6 sec*
MCBF (number of cycles)	3 000 000**
MTBF (hours)	25 000
MTTR (min)	30
Widths	2 to 4 m (0.5 per module)
In the event of a power cut	Locked in position (EV NF)
Ducts supplied as standard	15 m of hydraulic pipe, greater distance on study
Paint / finish	RAL 3001 + 9010
Operating temperature	- 30°C + 55°C
IP components	66/67

* depending on test conditions

**subject to compliance with maintenance and servicing recommendations

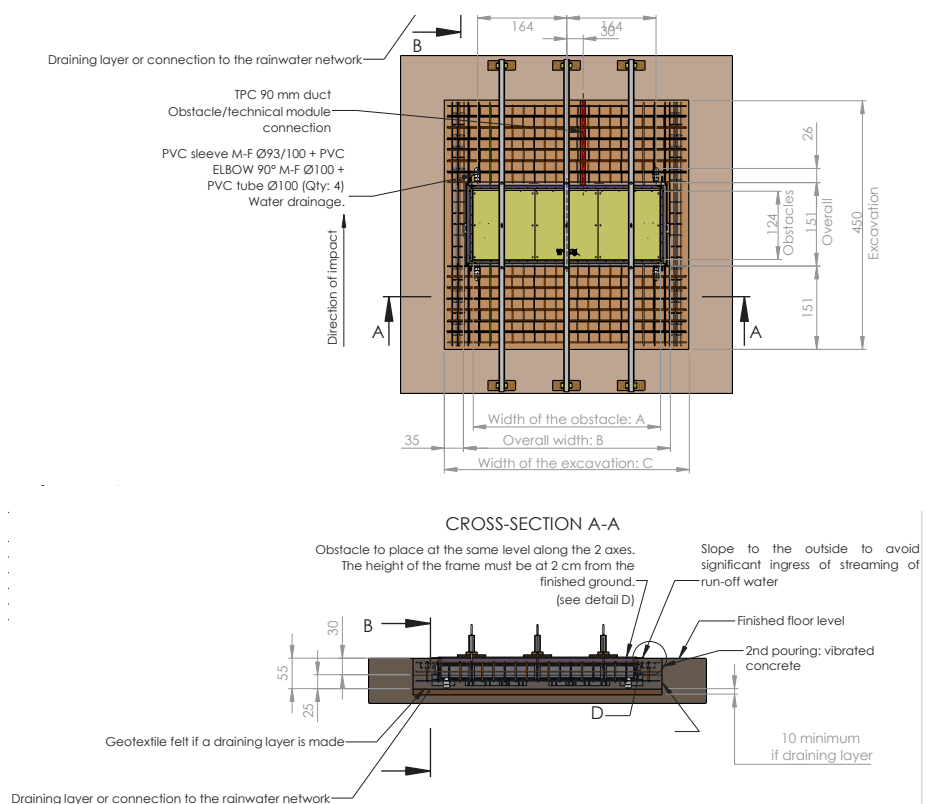


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INSTALLATION

- Installation kit including one set of hangers
- Technical module (control box + pump)

INSTALLATION PROCEDURE



AVAILABLE AS A BARRIER
PLATE VERSION



LBA CONNECT,
MANAGE ALL YOUR EQUIPMENT WITH
A UNIQUE APPLICATION



RB100-C80



TECHNICAL CONTROL TOTEM

Fully modular, with the option of a screen to display the terminal live

ACCESSORIES

ONE-C MANAGEMENT BOARD

- Quick and easy updating and after-sales service (plug & play)
- Backup of settings and data in case of replacement
- Configurable in TCP/IP
- ISO 13849-1 standard



SIGNALLING: TRAFFIC LIGHT BOXES

Vandal-resistant aluminium housing fitted with a pair of LED lights (Fixed red and orange)



TECHNICAL TOTEMS

Range of modular totems for integrating access control: LAPI, badge reader, intercom, terminal viewing screen, etc.



CABINETS AND ENCLOSURES

Enclosures designed to integrate a control box and a hydraulic power unit



