



AB-C50+

AUTOMATIC SAFETY BARRIER

HVM Automatic barrier

HVM AUTOMATIC BARRIER : HIGH LEVEL OF SECURITY



RESISTANCE - 666 000 joules



CRASH RATING
7.5t vehicle at 48 km/h



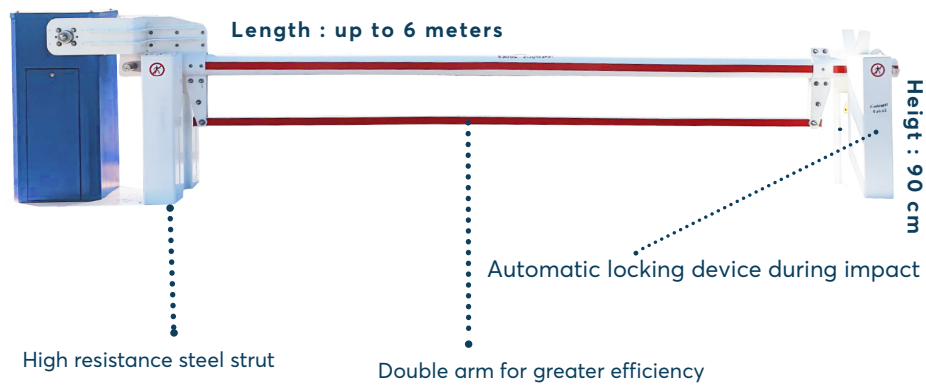
ACCESS MANAGEMENT



SPEED OF INSTALLATION
Shallow embedment depth



PROTECTION OF BUILDINGS



AB-C50+

CRASH RATING

Resistance certified by a digital crash test carried out by an independent body approved by COFRAC:



7.5T at 48 km/H

OPTIONAL EQUIPMENT

Safety

- R2 flash lights on rails
- R24 post-mounted lights (from 1 to 4 lights)
- Standard signage Ø 450, 650
- Sirens
- Infrared barrier
- Reflex sensor
- Presence detector on magnetic loop

Customisation

- Special colour polyester paint (RAL to be defined)
- Local control equipment : fireman's box, BP box, etc.
- Multiple configurations adapted to the site (ONE-C)
- Remote control and configuration
- Made to measure within the operating capacity of the barrier



MAIN FEATURES

- Automatic barrier with an arm height of 90 cm and length of up to 6 m
- Reinforced oval aluminium arm with axial mounting measuring 135x93 mm, with red and white reflector strip
- 2 tip supports with reinforced steel load strut
- Automatic locking at the impact moment
- Padlockable
- Shallow foundation
- Intensive non-stop operation

TECHNICAL FEATURES

- Barrel with 4 mm thick cathaphoresis-treated steel with Ronis 405 lock
- Standard RAL :
 - 5015 for the base column,
 - White strut, 9010 half-shell
 - White axial boom with red and white reflector strip
- Steel cover of 3mm
- FDC Electromechanical
- Three-phase geared motor, 230v mono power
- Counterbalancing spring for compression
- Anti-condensation heater
 - **Angular sensor**
 - **Controlled by an integrated ONE-C control card :**
 - Wired or network cable control; several communication protocols (modbus TCP/IP, RS485)
 - Centralized communication interface (screen, LEDs)
 - Remote parameter setting and control via web server
 - Memory program via SD card (included)
 - Plug-in terminal blox
 - Frequency controlled motor for managing:
 - > Acceleration and braking ramps
 - > Opening and closing speeds
 - Ergonomics and easy to use

TECHNICAL DATA

Résistance	666 000 Joules
Smooth	135 x 93 mm
Operating time	From 10 sec
Paint	RAL 7016
Finish	Polyester powder baked à 250°
Width	From 3 to 6 m

Depending on test conditions
Subject to compliance with maintenance and servicing recommendations

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INSTALLATION

To be paid for by the installer :

- Concrete slab
- Installation and adjustment of the system
- Sleeves (power supply, control, loops, IR cell, suction cup, lights, etc.)
- Cutting and installation of magnetic loops
- Power supply: RO2V 3G2, 5mm², 230V single-phase cable + 30mA line-out protection
- Control: SYT 5p 9/10 cable
- Other cables (reception post link, traffic lights, IR cell, suction cup, etc.)

INSTALLATION PROCEDURE

