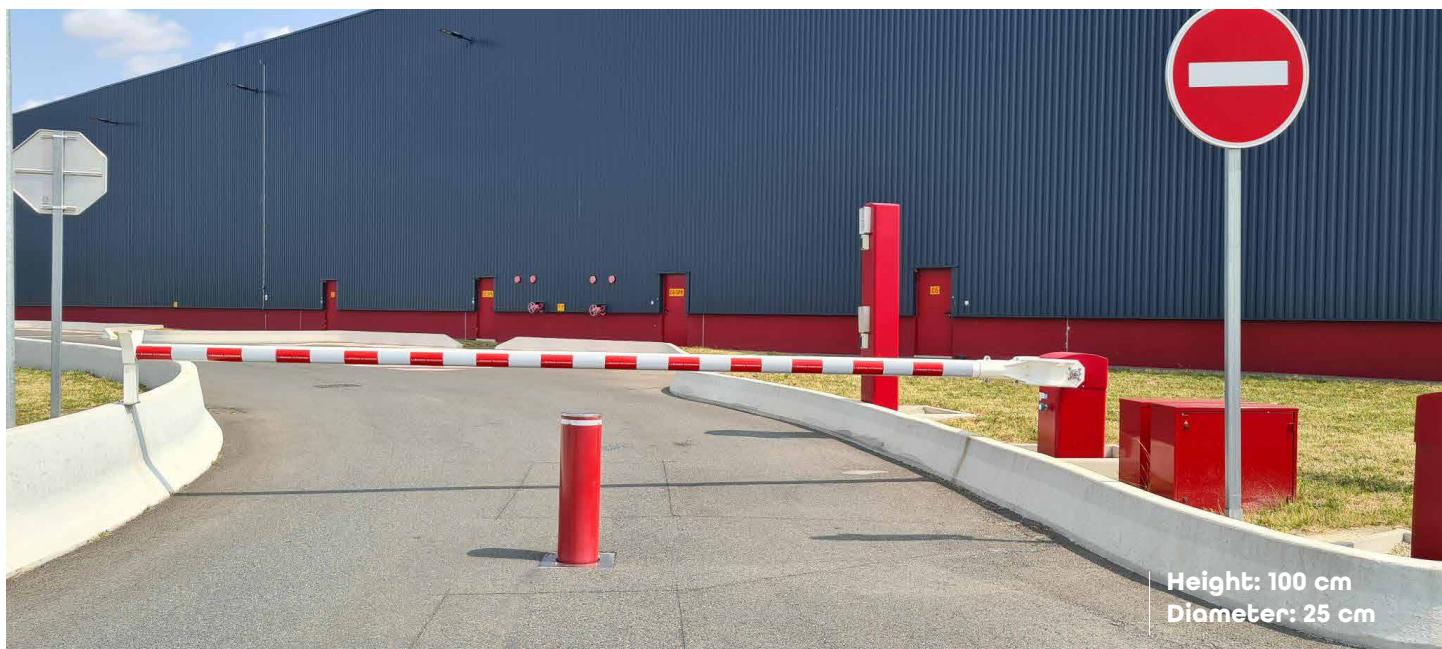


 **A25-100-7548**

## **AUTOMATIC RETRACTABLE SECURITY BOLLARD - WITHSTANDS THE IMPACT OF A 7.2-TONNE HGV AT 48 KM/H H100 CM - Ø25 CM**



Continuous and intensive operation: 3,000 cycles/day	No sensitive elements in the bollard frame	Surfaces exposed to tread made of stainless steel	<b>Operational after crash test</b>	Low and simplified maintenance
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### **STANDARD CHARACTERISTICS**

#### **• Cylinder:**

- Steel treated with zinc plating and epoxy powder coating  
Ø 25 cm - height 100 cm
- RAL 7016 colour
- Stainless steel bollard top, thickness 20 mm
- Brush seal to prevent scratching on housing
- Class 2 reflective tape

#### **• Frame:**

- Thick steel floor plate protected by a stainless steel cover plate
- Lateral guide with HDPE sliders
- M16 anchor bracket, strengthening connection to the concrete foundation
- Frame made of 6 mm thick galvanised steel

#### **• Drive system:**

- Remote hydraulic drive system (factory connected circuit), the bollard is supplied with 15 m of oil-filled reinforced pipes with push-pull quick coupler
- Low limit switch integrated into the cylinder head, accessible without disassembling the bollard

#### **• Standards:**

- NFP 98-310-compliant
- Dimensions compliant with the French Decree of 18/09/2012 on the accessibility of roads and public spaces



MADE IN FRANCE

## TECHNICAL SPECIFICATION

Drive system	Remote hydroelectric
Resistance	640,000 J
Operating time	4 to 6 s
MCBF (number of cycles)	2,000,000
MTBF (hours)	25,000 h
MTTR (min)	30 min
Connection cable	15 m of hydraulic pipes supplied
Paint / Finish	RAL 7016 steel colour
Cylinder dimensions (H-Ø)	1,000 mm / 250 mm
Floor plate dimensions	430 x 430 mm
IP components	IP67

For information on the power, power supply, temperature and behaviour in the event of a power outage, please refer to the technical module sheet

## CERTIFICATION

Resistance certified by crash test with a functional bollard after impact:



7.2 tonnes at 48 km/h

## OPTIONAL FEATURES

### Security

- Top limit switch
- Set of hangers allowing sealing without prior work
- Anti-vandalism screws
- Adjustable foot device for installation on concrete slab
- Additional connection cable length
- Snap-off nuts to secure access to the bollard
- Heating system for cold weather or exposure to snow or frost conditions
- Extreme cold oil

### Customisation

- Choice of RAL colours
- Stainless steel sleeve
- Cover opening detection sensor
- Brushed stainless steel finish
- Microblasted stainless steel finish
- Customisation on the bollard head
- Paint with seafront treatment
- Installation aid: Installation kit (steel cage feet hanger)
- Illuminated strip integrated into the bollard
- Illuminated strip and customisation on the bollard head

## INSTALLATION

### Installation of the bollard with hangers or adjustable feet in 24 hours without prior structural work

